

ABERDEEN PROVING GROUND ADVANCED PLANNING BRIEFING TO INDUSTRY

Joint Project Management Office for Protection
Presented by: Ruzena Rok
5 Nov 2015

The forecast data is for planning purposes, does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal, and is not a commitment by the government to purchase the desired products and services



CONTAMINATION INDICATOR DECONTAMINATION ASSURANCE SYSTEM – BLISTER OVERVIEW

Provide the capability to visually indicate the presence and location of blister chemical warfare agents on tactical vehicles, aircraft, ships, crew-served weapons and individual weapons

Contract Purpose: RDT&E with options for production

Contract Type: FPIS; initial 12 month CPIF

Estimated Value: \$20.0-26.0M

Contracting Contact: ACC-APG Natick, John Conlin,
(508) 233-6164, john.conlin3.civ@mail.mil

Solicitation #: TBD

Estimated Solicitation Release Date: 3/4QFY16

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JOINT BIOLOGICAL AGENT DECONTAMINATION SYSTEM PROGRAM OVERVIEW

Provide the capability to perform thorough biological decontamination of the interior and exterior of tactical and cargo aircraft

Contract Purpose: RDT&E with options for production

Contract Type: FFP

Estimated Value: \$76.0-86.0M

Contracting Contact: ACC-APG Natick, John Conlin,
(508) 233-6164, john.conlin3.civ@mail.mil

Solicitation #: TBD

Estimated Solicitation Release Date: 4QFY16

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JOINT GENERAL PURPOSE DECONTAMINANT PROGRAM OVERVIEW

Thorough decontamination capabilities for tactical vehicles, shipboard surfaces, and weapons in hostile and non-hostile environments exposed to traditional and non-traditional chemical and biological contamination

Contract Purpose: LRIP/OT

Contract Type: FFP

Estimated Value: \$24.0-30.0M

Contracting Contact: ACC-APG Natick, John Conlin,
(508) 233-6164, john.conlin3.civ@mail.mil

Solicitation #: W911QY-1-6R-0001

Estimated Solicitation Release Date: 1QFY16

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JOINT SERVICE AIRCREW MASK FOR TACTICAL AIRCRAFT PROGRAM OVERVIEW

Above-the-neck chemical biological protective respirator that provides simultaneous Pressure Breathing for Altitude/Pressure Breathing for Gravity in high performance aircraft

Contract Purpose: Production

Contract Type: FFP

Estimated Value: \$115.0-120.0M

Contracting Contact: ACC-APG Edgewood, Linda Ensminger,
(410) 436-8564, linda.s.ensminger.civ@mail.mil

Solicitation #: TBD

Estimated Solicitation Release Date: 2QFY16

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TECHNICAL ASSESSMENTS FOR PROTECTION & HAZARD MITIGATION OVERVIEW

Technical evaluations and assessments of the utility and /or efficacy of chemical, biological, radiological and nuclear hazard mitigation and protection capabilities.

Contract Purpose: Test and Evaluation

Contract Type: FFP

Estimated Value: \$5.0-7.5M

Contracting Contact: ACC-APG Natick, John Conlin,
(508) 233-6164, john.conlin3.civ@mail.mil

Solicitation #: TBD

Estimated Solicitation Release Date: 1QFY16

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UNIFORM INTEGRATED PROTECTION ENSEMBLE INCREMENT 2 CHALLENGE OVERVIEW

Challenge management and execution assistance to identify design and closure concepts for chemical biological protective garments. Tasks include, but are not limited to, challenge design; judging facilitation; social media strategy development and coordination; and prize award and announcement assistance

Contract Purpose: Challenge Administration

Contract Type: FFP

Estimated Value: \$288-865K

Contracting Contact: ACC-APG Natick, John Conlin,
(508) 233-6164, john.conlin3.civ@mail.mil

Solicitation #: TBD

Estimated Solicitation Release Date: 1QFY16

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UNIFORM INTEGRATED PROTECTION ENSEMBLE INCREMENT 2 PROGRAM OVERVIEW

Provide individual protective equipment that enables the Warfighter to operate in a contaminated Chemical and Biological environment with no or minimal degradation in performance

Contract Purpose: Manufacturing Partnership

Contract Type: CPFF/FFP

Estimated Value: TBD

Contracting Contact: ACC-APG Natick, John Conlin,
(508) 233-6164, john.conlin3.civ@mail.mil

Solicitation #: TBD

Estimated Solicitation Release Date: 3QFY16

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ABERDEEN PROVING GROUND ADVANCED PLANNING BRIEFING TO INDUSTRY

Defense Threat Reduction Agency
DTRA-CB-J9
Presented by: Dr. Chuck Bass
5 Nov 2015

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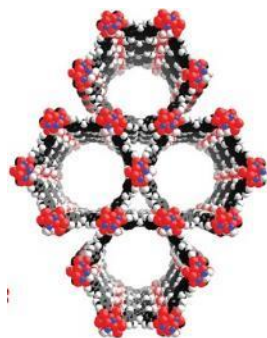
SCIENCE & TECHNOLOGY NEEDS

Core Capability Area

- Respiratory & Ocular Protection



- Percutaneous Protection



Items of Interest

- Integrated respirators (w/ ballistic protection, communication and optics)
- Novel low-burden design
- Full spectrum compliant (29CFR1910)
- Novel sorbents, barriers & methods for filtration
- Catalytic sorbents integrated into yarns, fiber-mats and membranes
- Barrier materials (NFPA 1991/1994 compliant) with good comfort characteristics (e.g. stretch, drape, hand)
- Durable repellent, anti-microbial, self-detoxifying fabric treatments
- Highly efficient personal cooling
- Closures (light, ergonomic and effective)

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SCIENCE & TECHNOLOGY NEEDS

Core Capability Area

- Expeditionary Collective Protection
- Equipment Contamination Mitigation
- Personnel Contamination Mitigation

Items of Interest

- Broad-spectrum extended life filters
- Residual life indicators
- Cost-efficient particulate filtration
- Coatings for redefined agent resistance specification
- Pre and post contamination barriers
- Agent disclosure and equipment contamination mapping
- Green technologies
- Effective low-cost decontaminants for individual equipment and personnel
- Pre-exposure barriers

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J9 CBT PROTECTION HAZARD MITIGATION FUNDING

		FY17-21 POM (\$M)					
	FY16	FY17	FY18	FY19	FY20	FY21	FY17-21 Total
BA2	14.9	18.9	20.3	19.8	20.0	20.0	98.9
BA3	6.6	6.8	6.8	6.7	6.7	6.7	33.7
Total	21.5	25.7	27.1	26.5	26.7	26.7	132.6

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SCIENCE AND TECHNOLOGY BUSINESS OPPORTUNITIES

Solicitation	Key Dates	Targets	More Information
Basic Research BAA: HDTRA1-11-16-BRCWMD-BAA	Open March 2011 – September 2016	Basic Research: TRL 1 and early TRL2 Awards grants only	Apply: www.grants.gov Info: dtra.belvoir.J9.mbx.HDTRA1-BRCWMD-A@mail.mil
Fundamental Research BAA: HDTRA1-14-24-FRCWMD-BAA	Open March 2015 – September 2024	Basic and Applied Research: TRL1 through TRL4 Primarily grants	Apply: www.grants.gov Info: dtra.belvoir.J9.mbx.HDTRA1-FRCWMD-A@mail.mil
Chem-Bio Technologies BAA: HDTRA1-14-CHEM-BIO-BAA	Amendment 3 Open, Phase I Proposal Receipt Deadline November 30, 2015 at 1400 ET	Applied Research & Advanced Tech Development TRL2 through TRL5 Contracts	Apply: https://www.dtrasubmission.net Info: dtra.belvoir.J9.mbx.CB-FY14-16-BAA@mail.mil

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SCIENCE AND TECHNOLOGY BUSINESS OPPORTUNITIES

Solicitation	Key Dates	Targets	More Information
R&D Innovation and Systems Engineering Office: HDTRA1-11-16-RDIS-BAA	Closes February 2016	Applied Research & Advanced Tech Development TRL2 through TRL5 Contracts	Info: dtra.belvoir.J9.mbx.RDIS-11-16-BAA@mail.mil
The Small Business Innovation Research (SBIR) and the Small Business Technology Transfer (STTR)	CBD SBIR to participate in FY16.1 cycle and CBD STTR in FY16.C cycle	DTRA and Chem/Bio Defense (CBD) represent two separate programs	Info and Apply: https://sbir.defensebusiness.org

SBIR/STTR Solicitation Schedule – FY16

Solicitation	Pre-Release	Open	Close
SBIR 16.1 & STTR 16.A	11 Dec 15	11 Jan 16	17 Feb 16
SBIR 16.2 & STTR 16.B	22 Apr 16	23 May 16	22 Jun 16
SBIR 16.3 & STTR 16.C	26 Aug 16	26 Sep 16	26 Oct 16

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